Activity 3

```
C:\Users\Joshua>docker pull ubuntu:16.04
16.04: Pulling from library/ubuntu
Digest: sha256:9775877f420d453ef790e6832d77630a49b32a92b7bedf330adf4d8669f6600e
Status: Image is up to date for ubuntu:16.04
docker.io/library/ubuntu:16.04
C:\Users\Joshua>docker images
REPOSITORY
              TAG
                        IMAGE ID
                                       CREATED
                                                       SIZE
delner/ping
              latest
                        b13da5ce8d62
                                       8 minutes ago
                                                       170MB
alpine/git
                        b8f176fa3f0d
                                                       25.1MB
              latest
                                       3 weeks ago
ubuntu
              16.04
                        9ff95a467e45
                                                       135MB
                                       3 weeks ago
C:\Users\Joshua>docker rmi b13
Untagged: delner/ping:latest
Deleted: sha256:b13da5ce8d621b1d7c25f67f2fcb433d0677cc208cbdc2bc729ce84cf3d0c79a
<u>Deleted: sha256:0289</u>ed6250ba7fe46d60ad68cb9b220fbbfda4ca1f817b533e3f62dda57be847
C:\Users\Joshua>touch Dockerfile
'touch' is not recognized as an internal or external command,
operable program or batch file.
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C:\Users\Joshua>docker images
REPOSITORY
             TAG
                       IMAGE ID
                                      CREATED
                                                    SIZE
alpine/git
             latest
                       b8f176fa3f0d
                                      3 weeks ago
                                                     25.1MB
ubuntu
             16.04
                       9ff95a467e45
                                      3 weeks ago
                                                    135MB
C:\Users\Joshua>docker rmi b8f
Untagged: alpine/git:latest
Untagged: alpine/git@sha256:0590372ee83d4d0ff4f08f8d2a98b0ba413d911a2e89c1d3418a1fed9a66337c
Deleted: sha256:b8f176fa3f0d17dffd4e22e476539aab14345ac2a8ae494abb44c4f01e471e32
Deleted: sha256:ff01742f86add18fe78dd6f83e13bb7d526b55da47240be572f3ce2cb127579f
Deleted: sha256:522859a67b1d2a8929d74f066ce8a70b0efc558e3ed7a846a3a4ac760a464f3e
Deleted: sha256:b2d5eeeaba3a22b9b8aa97261957974a6bd65274ebd43e1d81d0a7b8b752b116
C:\Users\Joshua>touch Dockerfile
 touch' is not recognized as an internal or external command,
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C:\Users\Joshua>docker images
REPOSITORY TAG
                       IMAGE ID
                                      CREATED
                                                    SIZE
ubuntu
             16.04
                       9ff95a467e45
                                      3 weeks ago
                                                    135MB
```

Touch Dockerfile didn't work so I made a file manually.

FROM ubuntu:16.04 LABEL author="David Elner"

RUN apt-get update

RUN apt-get install -y iputils-ping

```
root@fb4703002ae5: /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 а
          OJNELED [internal] load .dockerignore 9.05
>>> transferring context:
0.08
-iled to solve with frontend dockerfile.v0: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount275707737/Dockerfile: no such file or directory
      :\Users\Joshua>docker build -t delner/ping .
+] Building 0.1s (1/2)
       +] Building 3271.7s (4/6)
             0.60 to ACHOD [1/3] FROM docker.io/library/ubuntu:16.04
27(3) RNN apt.yet udocker.io/library/ubuntu:16.04
27(3) RNN apt.yet udocker.io/library/ubuntu:16.04
27(3) RNN apt.yet udocker.io/library/ubuntu:16.04
27(3) RNN apt.yet ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [19.9 R]
27(4) RNN apt.yet ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [12.7 kB]
27(5) × 3 # 66t:15 http://archive.ubuntu.com/ubuntu xenial-upudates/universe amd64 Packages [2051 kB]
27(5) × 3 # 66t:15 http://archive.ubuntu.com/ubuntu xenial-upudates/universe amd64 Packages [2051 kB]
27(6) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-upudates/universe amd64 Packages [219 kB]
27(6) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [2051 kB]
27(7) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [2051 kB]
27(8) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [2051 kB]
27(8) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [2051 kB]
27(8) × 3 # 66t:15 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [2051 kB]
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27(8) × 3 # 66t:15 http://security.ubuntu.com/ubuntu.xenial-security/main amd64 Packages [2051 kB]
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27(8) × 3 # 66t:15 http://security.ubuntu.xenial-security/main amd64 Packages [2051 kB]
27(8) × 3 # 66t:15 http://security.ubuntu.xenial-security/main amd64 Packages [
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       Type here to search
 root@fb4703002ae5:/
[+] Building 3272.3s (4/6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              O
    | 2/2| RW aptract water | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2| | 2/2|
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ^ © ■ ( 4) ENG 3:22 pm 18/06/2021
       ■ \mathcal P Type here to search \mathcal P Type here to search \mathcal P Type here to search
         se 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
    :\Users\Joshuardocker images

EPPOSITORY TAG IMAGE ID CREATED SIZE

Helner/ping latest 830fa460207d 10 minutes ago 166MB

abuntu 16.04 9ff95a467e45 3 weeks ago 135MB
```

```
\Users\Joshua>docker build -t delner/ping .
] Building 0.2s (2/2) FINISHED
 niled to solve with frontend dockerfile.v0: failed to create LLB definition: dockerfile parse error line 5: unknown instruction: &&RUN
alter to solve ...
:\Users\Joshua>docker build -t delner/ping .
+] Building 1139.8s (5/5) FINISHED
[[atternal] load build definition from Dockerfile
  \Users\Joshua>docker build -t delner/ping .
] Building 12.3s (5/5) FINISHED
> [Internal] load build definition from Dockerfile
> => transferring dockerfile: 320
 \Users\Joshua>docker build -t delner/ping .
|] Building 99.6s (6/6) FINISHED
|> [internal] load build definition from Dockerfile
```

```
C:\Users\Joshua>docker run -it delner/ping
PING poogle.com (177.217.161.142) 56(84) bytes of data.
64 bytes from 172.217.161.142: ican peculi ttl-37 time-62.1 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-68.5 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-68.5 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-89.5 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-82.5 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-82.5 ms
64 bytes from 172.217.161.142: ican peculi ttl-37 time-82.5 ms
```

Due to slow internet connection, I had to run the code a few times before it works.